


**REMARKS**

The present amendments are intended to correct the benefit claim in compliance with 37 CFR 1.78(a). Applicant, therefore, respectfully request that the present amendment be entered.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version with markings to show changes made.**"

DATED this 19<sup>th</sup> day of February, 2003.

Respectfully submitted,

  
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**Version with markings to show changes made.**

IN THE SPECIFICATION:

On page 1, please insert the following heading and paragraph immediately after line 1:

1. Related Applications

This Patent Application claims the benefit of U.S. Provisional Application Serial No. 60/240,197 filed October 12, 2000 and entitled HEATING, VENTILATING, AND AIR-CONDITIONING DESIGN APPARATUS AND METHOD.

Please amend the heading and paragraph beginning on page 1, line 2 to read as follows:

[1]2. The Field of the Invention

This invention relates to software and computer systems and, more particularly, to novel systems and methods for design modeling of fluid and energy handling systems.

Please amend the heading and paragraph beginning on page 1, line 6 to read as follows:

[2]3. The Background Art

The need to condition the environment in which people live has existed as long as sun, rain, and winter storms. The solutions have been many and varied, depending on the availability of shelter, fuels, cooling materials, insulation, fans, and so forth. In more recent history, refrigeration systems, heating systems, and their various combinations have taken advantage of new thermodynamic cycles and a wide variety of working fluids.